



Progress on modeling and mapping, as well as TsunamiReady status, is summarized in Section 1, below. Mitigation and education accomplishments are summarized in Section 2. Oregon Emergency Management produced the report *Distant Tsunami Response Guidance*. Maritime response guidance and southern Cascadia tsunami impacts are also being studied.

Section 1. Oregon tsunami inundation modeling and mapping accomplishments and future schedule

(SP=DOGAMI Special Paper. TIM= DOGAMI Tsunami Inundation Map. IMS=DOGAMI Interactive Map Series. GMS=DOGAMI Geologic Map Series). Red text = updates

| Oregon Community | TsunamiReady Community ¹ | First Generation Maps | | Second Generation Maps | |
|---------------------------|-------------------------------------|--------------------------------|------------------------|-------------------------------|----------------------------|
| | | Tsunami Inundation Map (Pub #) | Tsunami Evacuation Map | Tsunami Inundation Map, Pub # | New Tsunami Evacuation Map |
| Cannon Beach | Yes | No | No | Yes SP-41 | Yes |
| Arch Cape | Yes | No | No | Yes SP-41 | Yes |
| Bandon | No | No | No | Yes SP-43 | Yes |
| Port Orford | Yes | No | No | Yes TIM-Curr-04 | Yes |
| Gold Beach – Nesika Beach | Yes | Yes (IMS-13) | Yes | Yes TIM-Curr-09 | Yes |
| Brookings / Harbor | No | No | No | Yes TIM-Curr-16 | Yes |
| North Bend | Yes | Yes (IMS-21) | Yes | Yes TIM-Coos-05 | Yes |
| Coos Bay | Yes | Yes (IMS-21) | Yes | Yes TIM-Coos-05 | Yes |
| Charleston | No | Yes (IMS-21) | Yes | Yes TIM-Coos-08 | Yes |
| Rockaway Beach | Yes | No | Yes | Yes TIM-Till-04 | Yes |
| Garibaldi | No | No | No | Yes TIM-Till-05 | Yes |
| Bay City | No | No | No | Yes TIM-Till-05 | Yes |
| Tillamook | No | No | No | Yes TIM-Till-06 and Till-07 | Yes |
| Cape Meares | No | No | Yes | Yes TIM-Till-08 | Yes |
| Oceanside | No | No | Yes | Yes TIM-Till-09 | Yes |
| Netarts | No | No | Yes | Yes TIM-Till-09 | Yes |
| Sand Lake | No | No | Yes | Yes TIM-Till-11 | Yes |
| Tierra del Mar | No | No | Yes | Yes TIM-Till-11 | Yes |
| Pacific City | No | No | Yes | Yes TIM-Till-12 | Yes |
| Neskowin | No | No | Yes | Yes TIM-Till-14 | Yes |
| Manzanita | Yes | No | Yes | Yes TIM-Till-02 | Yes |

| Oregon Community | TsunamiReady Community ¹ | First Generation Maps | | Second Generation Maps | |
|------------------------------|-------------------------------------|--------------------------------|------------------------|-------------------------------|----------------------------|
| | | Tsunami Inundation Map (Pub #) | Tsunami Evacuation Map | Tsunami Inundation Map, Pub # | New Tsunami Evacuation Map |
| Nehalem | Yes | No | Yes | Yes TIM-Till-02 | Yes |
| Wheeler | Yes | No | Yes | Yes TIM-Till-02 | Yes |
| Lincoln City | Yes | Yes (GMS-99) | Yes | Jan 2013 | Feb 2013 |
| Gleneden Beach–Lincoln Beach | No | Yes (GMS-99) | Yes | Jan 2013 | Feb 2013 |
| Depoe Bay | No | No | Yes | Jan 2013 | Feb 2013 |
| Newport–South Beach | No | Yes (IMS-2) | Yes | Jan 2013 | Yes |
| Toledo | No | No | No | Jan 2013 | Mar 2013 |
| Seal Rock | No | No | No | Mar 2013 | Mar 2013 |
| Waldport | No | Yes (IMS-23) | Yes | Jan 2013 | Mar 2013 |
| Yachats | No | No | Yes | Jan 2013 | March 2013 |
| Florence | Yes | Yes (IMS-25) | Yes | Jan 2013 | Mar 2013 |
| Dunes City | No | No | Yes | Jan 2013 | Mar 2013 |
| Gardiner | No | No | Yes | Jan 2013 | Feb 2013 |
| Reedsport | No | No | Yes | Jan 2013 | Feb 2013 |
| Winchester Bay | No | No | Yes | Jan 2013 | Feb 2013 |
| Lakeside | No | No | No | Yes TIM-Coos-01 | Feb 2013 |
| Astoria | No | Yes (IMS-11) | No | Feb 2013 | April 2013 |
| Warrenton | No | Yes (IMS-12) | Yes | Feb 2013 | April 2013 |
| Gearhart | No | Yes (IMS-3) | Yes | Feb 2013 | April 2013 |
| Seaside | No | Yes (IMS-3) | Yes | Feb 2013 | April 2013 |

¹ Several counties in Oregon meet the *TsunamiReady* requirements, including Clatsop, Tillamook, Douglas, and Coos County, this last of which just received renewal designation.

In late 2012, DOGAMI published the last remaining TIMs for Tillamook, Coos, and Curry counties.

Section 2: Oregon Tsunami Preparedness Accomplishments | February 2012 to January 2013

February 2012

Tillamook Bay region (Cape Meares, Oceanside, Netarts - (Cape-to-Cape [CTC]); Garibaldi, Bay City, Barview - (North Tillamook Bay or NTB); City of Tillamook)

- Planning and scheduling of the March community rally; K-12 outreach activities/evacuation drill coordination planning; outreach workshops with local civic and emergency response groups; planning of CTC evacuation drill.

Coos Bay region (Charleston, Barview, City of North Bend, and City of Coos Bay)

- Collected 680 pre-outreach surveys; K-12 outreach activities/evacuation drill coordination planning; outreach to local libraries; planning and scheduling of March community rally; initial planning of evacuation drill.

March 2012

Tsunami Road Show (Oregon Emergency Management)

- March 9-24, 2012 talks and workshops covering earthquake and tsunami preparedness.
- Communities: Seaside, Tillamook, Pacific City, Lincoln City, Yachats, Toledo, Depoe Bay, Newport, Eugene, Winchester Bay, Reedsport, Lakeside, Roseburg, Coos Bay, Bandon, Gold Beach, Port Orford.

Tillamook Bay region

- Tillamook Bay Community Rally, March 11. Successful event attended by ~ 250 people included information booths set up by a dozen community partners and emergency management agencies.
- Door-to-door outreach conducted March 17 in Cape to Cape area delivering ~500 info packets to residents.
- Cape to Cape drill on March 24 was a success with at least 700 participants (including drill personnel and volunteers). The spring break drill date reached more second homeowners and coincided with National Tsunami Awareness Week.
- Conducted a CERT training class in Cape to Cape region. Eighteen residents completed the eight-week course. CERT graduates helped with the evacuation drill by staffing check-in sites and assembly areas.

Coos Bay region

- Coos Bay Region Community Rally - March 22. This rally had 322 attendees and included information booths by OEM, NOAA, North Bend Police Department, Coos Bay Fire Department, Red Cross, ARES/RACES, Coos County Emergency Management, and the local CERT team.
- Partnered with local Boys and Girls Club Youth Corps to train them in earthquake and tsunami preparedness and develop their leadership and service skills as volunteers at Tsunami Outreach Oregon events.
- Began a discussion with the Coos County Emergency Advisory Council to ascertain the sustainability of the TOO program and the development of a new tsunami advisory group for Coos County.
- Continued outreach workshops and meetings with local civic groups, hospitals, business associations, and tribes.

April 2012

Tillamook Bay region

- Conducted post-outreach and post-drill surveys in the CTC communities.
- Conducted door-to-door outreach to ~ 300 homes and apartments in the City of Tillamook.
- Forty-two round evacuation route signs and nine assembly area signs purchased and delivered to Tillamook area.

Coos Bay region

- Seventy-four round evacuation route signs and 15 assembly area signs were purchased and delivered to Coos Bay area.
- Continued outreach workshops and meetings with local civic groups, hospitals, business associations, and tribes.

May 2012

Tillamook Bay region

- North Tillamook Bay drill on May 5 in Bay City, Barview, and Garibaldi was a success with 389 participants (including 119 drill personnel and volunteers).
- City of Tillamook drill May 23 was concentrated in one specific area of inundation within city limits. Two assembly areas were used and the drill had ~ 100 participants. Also participating in the drill but remaining on their property was Tillamook County General Hospital and schools in this area (one high school, one junior high, and three elementary).
- Continued outreach workshops and meetings with local civic groups and businesses.

Coos Bay region

- Continued outreach workshops and meetings with local civic groups, hospitals, business associations, and tribes.

- A very successful evacuation drill was conducted on May 31 that included the Cities of North Bend and Coos Bay, as well as the unincorporated areas of Barview, Charleston and Empire. Approximately 9,000 people participated in the event including the myriad of volunteers needed for a drill of this size.
- Two post-drill meetings to assess successes and failures of drill and to discuss future evacuation drill planning.

June 2012

Tillamook Bay region

- Conducted and collected post-outreach and post-drill surveys for North Tillamook Bay and City of Tillamook.
- Held a business outreach workshop for the many commercial establishments along US Hwy 101 north of the Tillamook city limits.

Coos Bay region

- Conducted and collected post-TOO and post-drill surveys for the Coos Bay area.

July 2012

- Wrap-up of year three of program (dissemination of materials, final report writing, final steering committee meetings).
- Remaining TIM maps for Tillamook County released, completing mapping of the entire county.

August – September 2012

- Final report writing, tabulating outreach and drill survey data, media clips for Coos Bay and Tillamook Bay.
- Forty-five round evacuation signs and directional arrows purchased and sent to the City of Bandon.

Central coast (Lincoln County):

- Stakeholder coordination and outreach planning meeting with local officials and tsunami readiness champions.
- Meeting with City of Newport and other stakeholders to review draft evacuation brochures for Newport.
- Meeting with Oregon Sea Grant and other tsunami communicators to discuss consistency in messaging.

October 2012

Tillamook Bay region

- Meetings with southern Tillamook County stakeholders to review evacuation brochures.

November – December 2012

Central coast (Lincoln, Lane, and Douglas counties)

- Kickoff of year four of TOO. Steering committees formed for all three central coast counties, and first meetings held.
- Meetings with stakeholders to review draft evacuation brochures.
- Remaining TIM maps for Coos County released, completing mapping of the entire county.
- Remaining TIM maps for Curry County released, completing mapping of the entire county.

January 2013

Central coast (Lincoln, Lane, and Douglas counties)

- Community organizers interviewed and hired for Douglas and Lincoln counties. Still to be determined whether Lane County will choose to spend outreach dollars on paid staff.
- TIM maps for population centers in Lincoln, Lane, and Douglas counties released.